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Transtelco Expands Regional Optical Network with Ciena

High-capacity link and packet-optical aggregation and switching add route diversity and bandwidth capacity to fiber network spanning U.S.-Mexico border.

LINTHICUM, Md. and El Paso, Texas – July 19, 2010 – [Ciena](#)[®] Corporation (NASDAQ: CIEN), the network specialist, and [Transtelco](#), a regional operator serving businesses and carriers along the U.S.-Mexico border, today announced the implementation of a 400-kilometer high-capacity network span using Ciena’s WDM transport technology. The new link is the longest span in Transtelco’s network, adding route diversity, redundancy and bandwidth availability. Transtelco has also deployed additional platforms from Ciena’s packet-optical transport portfolio to aggregate traffic onto the point-to-point link and increase connectivity to the operator’s metro rings.

Transtelco operates one of the most reliable networks on the U.S.-Mexico border with more than 2,500 miles of fiber optic cable. Serving one of the most active border regions in the world, Transtelco provides metro and long-haul transport, dedicated IP access, co-location and voice termination services as a wholesale carrier and directly to end-user customers, ranging from small and medium businesses to enterprises. With Ciena’s technology in place, Transtelco can combine its different data center, connectivity and transport services as-needed over the existing infrastructure, giving the operator increased flexibility to meet the needs of customers requiring additional capacity and network service points.

“Ciena helped us make the longest hop in our network to date, so not only can we now reach more businesses and destinations, but we also can provide better service to our customers through added capacity and route diversity,” said Manuel Marin, vice president of engineering and development at Transtelco. “To keep pace with customer demand, we’re in the middle of a major network expansion across the south-western border region, and we hope to build on our success working with Ciena’s engineering team to power new segments of our network.”

“With our strong customer base and diverse product portfolio, Ciena is helping operators throughout the U.S. quickly expand their network footprint to capitalize on new business opportunities,” said Alvio Barrios, VP and GM US Markets and LATAM at Ciena. “Our project with Transtelco is a great example of our continued success, and as capacity demands and networks evolve throughout the region, we’re squarely focused on providing the converged optical and Ethernet infrastructure required to help networks scale and grow.”

Transtelco deployed Ciena’s [CoreStream® Agility Optical Transport System](#) and [CN 4200® FlexSelect® Advanced Service Platform](#) for the network expansion. Both platforms are part of Ciena’s broader packet-optical transport portfolio, which includes solutions that address any transport network requirement or application and offer a variety of service and interface options.

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About Transtelco

Located in the heart of the largest border region in the world, Transtelco’s geographic focus includes the entire southern United States - Mexico Border. Transtelco delivers world class telecommunication services including: Transport, Direct Internet Access, Voice and Collocation Solutions for Carrier and Enterprise customers over a Next-Generation DWDM platform. Our philosophy of “simplified communications” allows our clients to focus on their core business while we solve their telecommunications issues. For more information, visit us at <http://www.transtelco.com>

About Ciena

Ciena specializes in practical network transition. We offer leading network infrastructure solutions, intelligent software and a comprehensive services practice to help our customers use their networks to fundamentally change the way they compete. With a global presence, Ciena leverages its heritage of practical innovation to deliver maximum performance and economic value in communications networks worldwide. We routinely post recent news, financial results and other important announcements and information about Ciena on our website. For more information, visit www.ciena.com.

Note to Investors

Forward Looking Statements: This press release contains certain forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. These statements are based on information available to the Company as of the date hereof; and Ciena's actual results could differ materially from those stated or implied, due to risks and uncertainties associated with its business, which include the risk factors disclosed in its Report on Form 10-Q, which Ciena filed with the Securities and Exchange Commission on June 10, 2010. Forward-looking statements include statements regarding Ciena's expectations, beliefs, intentions or strategies regarding the future and can be identified by forward-looking words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Ciena assumes no obligation to update the information included in this press release, whether as a result of new information, future events or otherwise.